

INTERNATIONAL SEARCH REPORT

International application No

PCT/JP2005/009588

A. CLASSIFICATION OF SUBJECT MATTER
G05B19/418 H05K13/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G05B H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 378 200 B1 (LIM KA TIEK ET AL) 30 April 2002 (2002-04-30)	13
Y	the whole document	1,9-12, 19,22, 24,25
Y	----- US 5 177 688 A (RENTSCHLER ET AL) 5 January 1993 (1993-01-05) column 3, line 24 - column 9, line 12	1,9-12, 24,25
Y	----- US 6 104 965 A (LIM ET AL) 15 August 2000 (2000-08-15) the whole document	1,9-12, 24,25
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

16 February 2006

Date of mailing of the international search report

28. 02. 2006

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 016, no. 521 (E-1285), 27 October 1992 (1992-10-27) & JP 04 196296 A (MATSUSHITA ELECTRIC IND CO LTD), 16 July 1992 (1992-07-16) abstract -----	1
A	EP 0 400 624 A (KABUSHIKI KAISHA TOSHIBA) 5 December 1990 (1990-12-05) abstract -----	4
Y	US 2002/143423 A1 (HUBER ROBERT ET AL) 3 October 2002 (2002-10-03) the whole document -----	19
Y	US 5 584 118 A (FURUKAWA ET AL) 17 December 1996 (1996-12-17) the whole document -----	22
A	EP 0 987 613 A (BASF AKTIENGESELLSCHAFT) 22 March 2000 (2000-03-22) the whole document -----	13-23
A	US 4 580 207 A (ARAI ET AL) 1 April 1986 (1986-04-01) the whole document -----	13-23

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/JP2005/009588

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